

## CONTENTS

The Renin-Angiotensin System and Intraperitoneal Toxicity: Possible Basis to Urethane Anaesthesia-Induced Reductions in Renal Clearance in the Rat. <i>M. Gumbleton, P. J. Nicholls and G. Taylor</i>	7
Effect of Ergolines on Neurotransmitter Systems in the Rat Brain. <i>A. Moretti, N. Carfagna, C. Caccia and M. Carpentieri</i>	33
Potentiation of Dopamine Receptor-Mediated Responses by B-HT 920 in Mice. <i>K. Chopra and S. K. Kulkarni</i>	46
Benzodiazepine Inverse Agonist FG-7142-Induced Delayed Behavioral Depression in Mice. <i>K. Chopra, J. Kunchandy and S. K. Kulkarni</i>	56
Effect of Ibogaine on Naloxone-Precipitated Withdrawal Syndrome in Chronic Morphine-Dependent Rats. <i>E. D. Dzolic, C. D. Kaplan and M. R. Dzolic</i>	64
Some Pharmacological Properties of a Newly Synthesized Morphine Derivative, (—)-6 $\beta$ -Acetylthiomorphine. <i>I. Takayanagi, F. Konno, N. Goromaru, K. Koike, K. Kanematsu, I. Fujii and H. Togame</i>	71
Barium-Induced Contraction of Rat Vas Deferens in Calcium-Free Solution. <i>S. K. Mishra, P. K. Das and A. K. Sanyal</i>	85
Purinergic Supersensitivity Following Sympathectomy Adds Further Support to Co-Transmission in the Rat Vas Deferens. <i>G. C. Rohde and J. P. Huidobro-Toro</i>	99
Antispasmodic Effect of Amiodarone on Gastrointestinal Smooth Muscle: Possible Involvement of Calcium. <i>R. M. Gaion, O. Basadonna, G. Santostasi, M. Fantin, I. Maragno and P. Dorigo</i>	112
Effect of OP-2507, a Stable Prostacyclin Analogue on Cerebral Ischemia Induced by Unilateral Ligation of Common Carotid Artery in Gerbils. <i>Y. Masuda, M. Yasuba, K. Zushi, Y. Ochi, T. Kadokawa and T. Okegawa</i>	125
Interactions of 5'-N-ethylcarboxamide adenosine (NECA), Aminophylline and Dipropyl-phenyl-xanthine (XAC) on the Isolated Guinea-Pig Atria. <i>M. Prostran and V. M. Varagic</i>	137
Effect of the $\alpha$ -Adrenoceptor Antagonist Urapidil on the Pacemaker Activity of Rabbit Sino-Atrial Node Preparations. <i>H. Kotake, S. Hirai, M. Watanabe, J. Miyamoto, T. Takami, J. Hasegawa and H. Mashiba</i>	149
Comparative Effects of the Calcium Antagonist Isradipine and Some Other Dihydropyridine Derivatives on Regional Blood Flow in Anesthetized Open-Chest Dogs. <i>M. Sakanashi, K. Noguchi, Y. Miyamoto, T. Kato, F. Nagamine, W.-Y. Yu, M. Higuchi and J. Nakasone</i>	159
A Regional Difference in $\alpha_1$ -Adrenoceptors in Canine Arteries. <i>I. Takayanagi, K. Koike, K. Kawano and S. Onozuka</i>	175
Propranolol Enhances Acetylcholine-Induced Relaxation in the Various Arterial Segments of Rabbit. <i>Z. S. Ercan and R. K. Türker</i>	185
Magnesium Salts Exert Direct Vasodilator Effects on Rat Cremaster Muscle Micro-circulation. <i>I. Nagai, A. Gebrewold, B. T. Altura and B. M. Altura</i>	194
Effects of Progressively Increased Doses of Theophylline and of S9795 on Hemodynamics, Blood Gases and Lung Mechanics in Dogs. <i>P. Lejeune and R. Naeije</i>	215

Tissue Angiotensin-Converting Enzyme Blockade by MC-838 (Altiopril Calcium) Infused Intravenously to Miniature Pigs: Comparison with Captopril. <i>K. Sakai, Y. Shiraki, M. Akima, J. Imagawa, Y. Hinohara, T. Koga, T. Ichihara and Y. Tohira</i>	228
Epithelium-Dependent Relaxation of Guinea-Pig Tracheal Smooth Muscle by Carbachol. <i>M. O. Guc, M. Ilhan and S. O. Kayaalp</i>	241
Enhancement of Salivary Secretion by Chronic Anethole Trithione Treatment. <i>Y. Ukai, N. Taniguchi, K. Takeshita, T. Ogasawara and K. Kimura</i>	248
Effect of Harmaline on Organic Ion Transport in Rabbit Renal Cortical Slices. <i>Y. K. Kim, Y. S. Park and S. H. Lee</i>	259
Influence of Various Cholinergic and Anticholinergic Drugs on Rectal Temperature in Rats. <i>A. Simonić, J. Roganović-Dordević and V. Golubović</i>	273
Effects of SF-482 on Bile, Gallstones Formation and Experimental Hyperlipemias. <i>G. Coppi, M. T. Gatti, P. Mosconi and M. A. Berti</i>	283
Cytoprotective Action of Roxatidine Acetate HCl. <i>K. Shiratsuchi, H. Fuse, M. Hagiwara, T. Mikami, K. Miyasaka and H. Sakuma</i>	295

